

CLAIMS

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1. Method for generating a patent-specific implant, in which a virtual three-dimensional model is generated from the image data taken at least from the implant area and its environment obtained from the patient and the implant is manufactured by virtue of CNC-data for the operative use on the patient, characterized in that the virtual three-dimensional model of the patient is compared to real medical reference data, and therefrom the best suited for the patient and a reference model object, respectively, best resembling the model of the patient are selected or formed, and in that a virtual implant model is generated by said reference model object, and in that the virtual data of the implant model are used as control data for a program controlled manufacture of the implant.
 2. Method as claimed in claim 1, characterized in that the virtual three-dimensional model of the patient is compared to real medical reference data of a database and from these data stored in the database a reference model best suited for the patient and best resembling the model of the patient, respectively, is selected.
 3. Method as claimed in claim 2, characterized in that at first a plurality of reference models objects resembling the model of the patient are selected from the data stored in the database and from the selected ones a reference model object best suited for the patient and mostly resembling the model of the patient, respectively, is

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selected under consideration of further selection criteria such as medical expert opinion.

5 4. Method as claimed in claim 1, characterized in that the virtual three-dimensional model of the patient is compared with data from the patient him/herself preferably under consideration of body symmetry, in particular of mirror-symmetrical body ranges being doubly present and/or under consideration of older data from the patient and that from these data a reference model object best suited
10 for the patient and most resembling the model of the patient, respectively, is selected or formed.

15 5. Method as claimed in claims 1, 2, and 4, characterized in that the virtual three-dimensional model of the patient is compared both, with the real medical reference data of a database and with the data from the patient him/herself, and in that from all these data a reference model object best suited for the patient and most resembling the model of the patient, respectively, is selected or
20 formed.

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